



Author index to volumes 88-100

Abaffy, J., M. Bertocchi and A. Torriero, Perturbations of M-matrices via ABS methods and their applications to input-output analysis 94 (1998) 145

Abbitt, J., *see* Hartfield, R. 95 (1998) 63

Abd-Alla, A.M., On a generalized thermoelastic interaction in an unbounded body due to a line heat source 100 (1999) 285

Abd-Alla, A.M., Propagation of Rayleigh waves in an elastic half-space of orthotropic material 99 (1999) 61

Abdel-Aziz, M.R. and S.M. El-Sayed, Sensitivity analysis of the largest dependent eigenvalue functions of eigensystems 100 (1999) 103

Abe, K., *see* Honma, N. 91 (1998) 43

Adamatzky, A., Master-slave algebra: On the binary compositions of distributed beliefs 95 (1998) 173

Adamatzky, A., Nonconstructible blocks in 1D cellular automata: minimal generators and natural systems 99 (1999) 77

Adomian, G., Explicit Solutions of Nonlinear Partial Differential Equations 88 (1997) 117

Adomian, G., On KdV Type Equations 88 (1997) 131

Adomian, G., Optical Propagation in Random Media 88 (1997) 127

Adomian, G., R.C. Rach and R.E. Meyers, Numerical Integration, Analytic Continuation, and Decomposition 88 (1997) 95

Agarwal, R.P. and F.-H. Wong, An application of topological transversality to non-positive higher order difference equations 99 (1999) 167

Agarwal, R.P., *see* Qu, R. 94 (1998) 97

Agarwal, R.P., *see* Wong, P.J.Y. 97 (1998) 139

Agarwal, R.P., M. Bohner and P.J.Y. Wong, Sturm-Liouville eigenvalue problems on time scales 99 (1999) 153

Agouzal, A. and N. Debit, Equilibrium method to approximate elliptic problems with non-standard boundary conditions 95 (1998) 165

Agwu, N.N. and C.F. Martin, Optimal control of dynamic systems: Application to spline approximations 97 (1998) 99

Ahmad, F. and M. Razzaghi, A Numerical Solution to the Gel'Fand-Levitian-Marchenko Equation 89 (1998) 31

Ahmad, S. and F.M. de Oca, Extinction in Nonautonomous T -Periodic Competitive Lotka-Volterra System 90 (1998) 155

Ahmad, S. and M.R. Mohana Rao, Stability of Volterra Diffusion Equations with Time Delays 90 (1998) 143

Akram Hossain, M., Modeling contaminant transport in groundwater: an optimized finite element method 96 (1998) 89

Al-Gahtani, H.J., Integral-based solution for a class of second order boundary value problems 98 (1999) 43

Al-Nachawati, H., *see* Alwasel, I. 95 (1998) 193

Al-Saqabi, B. and V.S. Kiryakova, Explicit solutions of fractional integral and differential equations involving Erdélyi-Kober operators 95 (1998) 1

Alwasel, I., A. Alzaid and H. Al-Nachawati, Estimating the parameters of the binomial autoregressive process of order one 95 (1998) 193

Alzaid, A., *see* Alwasel, I. 95 (1998) 193

Argyros, I.K., Sufficient conditions for constructing methods faster than Newton's 93 (1998) 169

Asaithambi, A., A finite-difference method for the Falkner-Skan equation 92 (1998) 135

Awartani, M. and M.H. Hamdan, Non-reactive gas-particulate models of flow through porous media 100 (1999) 93

Awartani, M. and M.H. Hamdan, Some admissible geometries in the study of steady plane flow of a dusty fluid through porous media 100 (1999) 85

Aykut, A., On a boundary value problem for a differential equation with variant retarded argument 93 (1998) 63

Bai, Z.-Z., Asynchronous multisplitting AOR methods for a class of systems of weakly nonlinear equations 98 (1999) 49

Bai, Z.-Z., Asynchronous parallel nonlinear multisplitting relaxation methods for large sparse nonlinear complementarity problems 92 (1998) 85

Bajpai, R.P., Biophoton emission in the evolution of a squeezed state of frequency stable damped oscillator 93 (1998) 277

Bárdossy, A., *see* Özkelan, E.C. 91 (1998) 127

Barrett, C.L. and C.M. Reidys, Elements of a theory of computer simulation I: Sequential CA over random graphs 98 (1999) 241

Barrio, R., M. Palacios and A. Elipe, Chebyshev collocation methods for fast orbit determination 99 (1999) 195

Baxley, J.V. and S.B. Robinson, Coexistence in the Unstirred Chemostat 89 (1998) 41

Bayram, M. and B. Yıldız, Parameter estimation of enzyme kinetic system using computer algebra techniques 99 (1999) 93

Bayram, M., Application of computer algebra techniques to enzyme kinetics 94 (1998) 73

Bayram, M., Application of computer algebra techniques to affinity binding equations 94 (1998) 83

Bécarie, C., Intrinsically Parallel Solution of Systems of Linear Partial Differential Equations 90 (1998) 205

Beddu, M., M.-Y. Jiang, L.K. Taylor and D.L. Whitfield, Computation of Steady and Unsteady Flows with a Free Surface around the Wigley Hull 89 (1998) 67

Belward, J.A., *see* Zhang, J. 88 (1997) 275

Ben-Yu, G., *see* Cho, C.-K. 100 (1999) 265

Bertocchi, M., *see* Abaffy, J. 94 (1998) 145

Bhatti, M.I., *see* Khan, S. 95 (1998) 205

Bogaert, J., Generating random percolation clusters 91 (1998) 197

Böhm, M., On a moving-boundary system modeling corrosion in sewer pipes 92 (1998) 247

Bohner, M., *see* Agarwal, R.P. 99 (1999) 153

Bowers, K.L., *see* Morlet, A.C. 98 (1999) 209

Bowman, H., *see* Golberg, M. 96 (1998) 237

Bratsos, A.G., A family of parametric finite-difference methods for the solution of the sine-Gordon equation 93 (1998) 117

Buetow Jr., G.W., A more accurate finite difference approach to the pricing of contingent claims 91 (1998) 111

Bulgakov, S., *see* Jiménez, S. 95 (1998) 101

Burns, S.A., *see* Mueller, K.M. 90 (1998) 167

Cao, Z.-H., A note on convergence of quasi-minimal residual smoothing 93 (1998) 289
 Chan, C.Y. and S.I. Yuen, Impulsive Effects on Global Existence of
 Solutions for Degenerate Semilinear Parabolic Equations 90 (1998) 97
 Chan, C.Y. and J.K. Zhu, Blow-up of solutions of semilinear Euler-Poisson-
 Darboux equations with nonlocal boundary conditions 99 (1999) 17
 Chang, C. and H. Gzyl, Parameter estimation in superposition of decaying
 exponentials 96 (1998) 101
 Chang, F.C., More on quick evaluation of determinants 93 (1998) 97
 Chen, C.-L. and Y.-C. Liu, Differential transformation technique for steady
 nonlinear heat conduction problems 95 (1998) 155
 Chen, C.-L., *see* Jang, M.-J. 88 (1997) 137
 Chen, J., Preconditioning projection nonconforming element method for the
 lowest-order Raviart-Thomas mixed triangular element method 93 (1998) 31
 Chen, M.-H., *see* Wu, B. 99 (1999) 241
 Chen, M.-P., Some operators of fractional calculus and their applications
 involving a novel class of analytic functions 91 (1998) 285
 Cheng, C.-Y., *see* A. Jonckheere, E.A. 93 (1998) 207
 Cho, C.-K., G. Ben-Yu and Y.H. Kwon, A new approach for numerical
 identification of conductivity 100 (1999) 265
 Choe, W.H., *see* Qiang, J. 91 (1998) 179
 Choi, J., Integrals involving a function associated with the Euler-Maclaurin
 summation formula 93 (1998) 101
 Choudhury, S.R., *see* Varner, T.N. 92 (1998) 101
 Chu, C.-K., *see* A. Jonckheere, E.A. 93 (1998) 207
 Chu, C.-K., *see* Jonckheere, E.A. 88 (1997) 177
 Chukwu, E.N., On the controllability of nonlinear economic systems with
 delay: The Italian example 95 (1998) 245
 Chung, S., *see* McDonough, J.M. 95 (1998) 219
 Cicci, D.A., Filter performance in target tracking using space-based
 observers 99 (1999) 275
 Cinnella, P., *see* Yevi, G. 89 (1998) 313
 Davis, S.F., Shock Capturing with Padé Methods 89 (1998) 85
 de Oca, F.M., *see* Ahmad, S. 90 (1998) 155
 de Romero, S.S. and H.M. Srivastava, Some Applications of Fractional
 Calculus Involving Summation of Infinite Series 90 (1998) 129
 Debit, N., *see* Agouzal, A. 95 (1998) 165
 Devinny, J., *see* Böhm, M. 92 (1998) 247
 Di Bella, B., On a paper by J.M. Soriano 92 (1998) 297
 Ding, J., A maximum entropy method for solving Frobenius-Perron
 operator equations 93 (1998) 155
 Djidjeli, K., W.G. Price, P. Temarel and E.H. Twizell, Partially implicit
 schemes for the numerical solutions of some non-linear differential
 equations 96 (1998) 177
 Drake, J.M., *see* Sivaloganathan, S. 94 (1998) 243
 Dror, M. and B.C. Hartman, Stopping rules for utility functions and the St.
 Petersburg gamble 98 (1999) 279
 Duckstein, L., *see* Özelen, E.C. 91 (1998) 127
 Duckstein, L., *see* Michalland, B. 88 (1997) 53
 Dunyak, J., Analysis of the influence of social structure on a measles
 epidemic 92 (1998) 283

Egerstedt, M. and C. Martin, A Control Theoretic Model of the Combined Planar Motion of the Human Head and Eye 90 (1998) 61

Eisenfeld, J., Identification, Interval Bounds, and Linear Algebraic Estimation for a Class of Nonlinear Problems 89 (1998) 17

El-Sayed, A.M.A., Fractional-order evolutionary integral equations 98 (1999) 139

El-Sayed, S.M., *see* Abdel-Aziz, M.R. 100 (1999) 103

Elipe, A., *see* Barrio, R. 99 (1999) 195

Eom, T.-D., New skill learning paradigm using various kinds of neurons 91 (1998) 9

Eshima, N., *see* Tabata, M. 94 (1998) 45

Eshima, N., *see* Tabata, M. 98 (1999) 169

Ezquerro, J.A., A construction procedure of iterative methods with cubical convergence II: Another convergence approach 92 (1998) 59

Farto, J.-M., *see* Martín, P. 99 (1999) 129

Feng, W. and F. Wang, Asymptotic Periodicity and Permanence in a Competition-Diffusion System with Discrete Delays 89 (1998) 99

Ford, R.A., *see* Hamdan, M.H. 94 (1998) 267

Ford, R.A. and M.H. Hamdan, Coupled parallel flow through composite porous layers 97 (1998) 261

Franke, C., Solving partial differential equations by collocation using radial basis functions 93 (1998) 73

Frontini, M. and A. Tagliani, Entropy-Convergence in Stieltjes and Hamburger Moment Problem 88 (1997) 39

Frontini, M. and A. Tagliani, Maximum entropy and lacunary Stieltjes moment problem 97 (1998) 183

Fu, X., *see* Liu, X. 98 (1999) 147

Furuhashi, T., *see* Iwakoshi, Y. 91 (1998) 73

Galambosi, Á., *see* Özkelan, E.C. 91 (1998) 127

Gao, W., J. Xue and Y. Qu, A new implementation of EN method 98 (1999) 199

García-López, C.M., *see* Ramos, J.I. 94 (1998) 113

Garey, L.E. and R.E. Shaw, A parallel algorithm for solving Toeplitz linear systems 100 (1999) 241

Garner, J.B., Existence Results for a Class of Diffusion-Reaction Problems 89 (1998) 111

Golberg, M. and H. Bowman, Optimal convergence rates for some discrete projection methods 96 (1998) 237

Gopalsamy, K., I.K.C. Leung and P. Liu, Global Hopf-bifurcation in a neural netlet 94 (1998) 171

Graef, J.R., C. Qian and P.W. Spikes, Stability in a Population Model 89 (1998) 119

Grimm, S., On orbit sum values of elements of finite order 97 (1998) 17

Gunzburger, M.D. and H.-C. Lee, Analysis and approximation of optimal control problems for first-order elliptic systems in three dimensions 100 (1999) 49

Guo, D., Boundary value problems for impulsive integro-differential equations on unbounded domains in a Banach space 99 (1999) 1

Gupta, C.P., A Generalized Multi-Point Boundary Value Problem for Second Order Ordinary Differential Equations 89 (1998) 133

Gutiérrez, J.M., *see* Ezquerro, J.A. 92 (1998) 59

Gzyl, H., *see* Chang, C. 96 (1998) 101

Hale, J.K., Dynamics of Numerical Approximations 89 (1998) 5

Hamann, B. and P.-Y. Tsai, Decomposing Trimmed Surfaces Using the Voronoi Diagram and a Scan Line Algorithm 89 (1998) 327

Hamdan, M.H., *see* Ford, R.A. 97 (1998) 261

Hamdan, M.H., A note on computational uncertainty 94 (1998) 285

Hamdan, M.H., An alternative approach to exact solutions of a special class of Navier-Stokes flows 93 (1998) 83

Hamdan, M.H., R.A. Ford and R.A. Rabia, Numerical simulation of gas-particle flow through curvilinear porous channels 94 (1998) 267

Hamdan, M.H., *see* Awartani, M. 100 (1999) 85

Hamdan, M.H., *see* Awartani, M. 100 (1999) 93

Han, D. and X. Wang, Convergence on a deformed Newton method 94 (1998) 65

Han, Q., Projection and contraction methods for semidefinite programming 95 (1998) 275

Han, Z. and Y. Tang, Fuzzy forecast of flood disaster caused by the solar proton flares 98 (1999) 83

Hartfield, R., S. Rose and J. Abbott, Computational fluid imaging for iodine fluorescence in compressible flows 95 (1998) 63

Hartman, B.C., *see* Dror, M. 98 (1999) 279

Hartung, F., T.L. Herdman and J. Turi, Parameter Identification in Classes of Hereditary Systems of Neutral Type 89 (1998) 147

He, J., On the linear combination of Grünwald polynomial operator 96 (1998) 117

Herdman, T.L., *see* Hartung, F. 89 (1998) 147

Hernández, M.A., *see* Ezquerro, J.A. 92 (1998) 59

Hernández, M.A. and M.A. Salanova, Chebyshev method and convexity 95 (1998) 51

Hiroyama, T., *see* Tabata, M. 94 (1998) 45

Hon, Y.C. and X.Z. Mao, An efficient numerical scheme for Burgers' equation 95 (1998) 37

Hon, Y.C., M.W. Lu, W.M. Xue and Y.M. Zhu, Multiquadric Method for the Numerical Solution of a Biphasic Mixture Model 88 (1997) 153

Honma, N., Adaptive evolution of holon networks by an autonomous decentralized method 91 (1998) 43

Hossain, Md.A. and D.R. Yonge, On Galerkin models for transport in groundwater 100 (1999) 249

Huang, Z., On a family of parallel root-finding methods for generalized polynomials 91 (1998) 221

Hutchinson, J., M.J. Kaiser and H.M. Lankarani, The Head Injury Criterion (HIC) functional 96 (1998) 1

Huy Dang, H., *see* Malik, M. 96 (1998) 17

Impens, I., *see* Bogaert, J. 91 (1998) 197

Inohara, T., S. Takahashi and B. Nakano, Complete Stability and Inside Commonality of Perceptions 90 (1998) 11

Inohara, T., S. Takahashi and B. Nakano, On Conditions for a Meeting Not to Reach a Deadlock 90 (1998) 1

Iwakoshi, Y., A Fuzzy Classifier System for evolutionary learning of robot behaviors 91 (1998) 73

Jahani, F., *see* Böhm, M. 92 (1998) 247

Jang, M.-J. and C.-L. Chen, Analysis of the Response of a Strongly Nonlinear Damped System using a Differential Transformation Technique 88 (1997) 137

Janicki, R. and W.W. Koczkodaj, A weak order solution to a group ranking and consistency-driven pairwise comparisons 94 (1998) 227

Jeong, I.-K. and J.-J. Lee, Evolving Multi-Agents using a Self-Organizing Genetic Algorithm 88 (1997) 293

Jiang, J. and A.S. Vatsala, The quasilinearization method in the system of reaction diffusion equations 97 (1998) 223

Jiang, M.-Y., *see* Beddhu, M. 89 (1998) 67

Jiménez, S., S. Bulgakov and L. Vázquez, Efficient shooting algorithms for solving the nonlinear one-dimensional scalar Helmholtz equation 95 (1998) 101

Jin, X.-Q., *see* Yuan, J.-Y. 99 (1999) 35

Jin, X.-Q. and V.-K. Sin, Addendum to "a note on construction of circulant preconditioners from kernels" 95 (1998) 91

Jinzenji, T., An advanced simulation scheme for electric railway power systems based on artificial life approach 91 (1998) 23

Jonckheere, E.A. and C.-K. Chu, Bounded Flatness in Q -Triangulated Regular N -Simplexes 88 (1997) 177

Jonckheere, E.A., Simplicial algorithms for computing stationary probabilities of stochastic matrices 93 (1998) 207

Jukić, D., *see* Scitovski, R. 93 (1998) 219

Jukić, D., T. Marošević and R. Scitovski, Discrete total l_p -norm approximation problem for the exponential function 94 (1998) 137

Kaiser, M.J., *see* Hutchinson, J. 96 (1998) 1

Kalla, S.L., On some fractional order integral transforms generated by orthogonal polynomials 91 (1998) 209

Kananthai, A., On the Solutions of the n -Dimensional Diamond Operator 88 (1997) 27

Kandil, F.M., *see* Zaghrout, A.A.S. 92 (1998) 271

Karsai, J., Asymptotic Behavior and its Visualization of the Solutions of intermittently and Impulsively Damped Nonlinear Oscillator Equations 89 (1998) 161

Khan, S. and M.I. Bhatti, Predictive inference on equicorrelated linear regression models 95 (1998) 205

Kheyfets, B.L., *see* Primak, M.E. 96 (1998) 273

Khuri, S.A., *see* Wazwaz, A.M. 93 (1998) 91

Khuri, S.A., A new approach to the cubic Schrödinger equation: An application of the decomposition technique 97 (1998) 251

Khuri, S.A., Biorthogonality condition for axisymmetric Stokes flow in a toroidal region 97 (1998) 255

Khuri, S.A., On the solution of an integral equation arising in water waves theory 95 (1998) 291

Kim, M.-Y. and E.-J. Park, Characteristic finite element methods for diffusion epidemic models with age-structured populations 97 (1998) 55

Kim, T. and C.-O. Lee, A parallel Gauss-Seidel method using NR data flow ordering 99 (1999) 209

Kiryakova, V.S., *see* Al-Saqabi, B. 95 (1998) 1

Kishore, B., *see* Thornburg, H. 89 (1998) 259

Kitahama, A., *see* Matsuzuka, I. 100 (1999) 1

Kjellström, G., The evolution in the brain 98 (1999) 293

Koczkodaj, W.W., *see* Janicki, R. 94 (1998) 227

Kumar, S., *see* Bajpai, R.P. 93 (1998) 277

Kurowicka, D., Domains of attraction of asymptotic reliability functions of some homogeneous series-parallel systems 98 (1999) 61

Kwon, Y.H., *see* Cho, C.-K. 100 (1999) 265

Lam, S.H., On Lagrangian dynamics and its control formulations 91 (1998) 259
 Lameche, K., Inverse for the shuffle for algebraic series 98 (1999) 1
 Lampe, R., *see* Dunyk, J. 92 (1998) 283
 Lankarani, H.M., *see* Hutchinson, J. 96 (1998) 1
 Layton, W. and X. Ye, Nonconforming Two-Level Discretization of Stream Function Form of the Navier-Stokes Equations 89 (1998) 173
 Le, V.K., Some Global Bifurcation Results for Elastic Plates 89 (1998) 185
 Lee, C.-O., *see* Kim, T. 99 (1999) 209
 Lee, C.-O., A conforming mixed finite element method for the pure traction problem of linear elasticity 93 (1998) 11
 Lee, H.-C., *see* Gunzburger, M.D. 100 (1999) 49
 Lee, J.-J., *see* Eom, T.-D. 91 (1998) 9
 Lee, J.-J., *see* Sugisaka, M. 91 (1998) 91
 Lee, J.-J., *see* Jeong, I.-K. 88 (1997) 293
 Leng, G., *see* Wei, J.G. 88 (1997) 77
 Lether, F.G., Constrained Near-Minimax Rational Approximations to Dawson's Integral 88 (1997) 267
 Leung, I.K.C., *see* Gopalsamy, K. 94 (1998) 171
 Leung, Y.-W., *see* Xu, Z.-B. 94 (1998) 193
 Li, L., *see* Chen, J. 93 (1998) 31
 Li, L., *see* Xu, X. 93 (1998) 233
 Li, X., *see* Zhang, W. 97 (1998) 209
 Li, X., On simultaneous approximations by radial basis function neural networks 95 (1998) 75
 Li, X.J., *see* Zhang, Y.G. 91 (1998) 3
 Liaw, D.-C., Application of center manifold reduction to nonlinear system stabilization 91 (1998) 243
 Lin, C., Dynamic negotiation with time-varying Pareto frontier 91 (1998) 99
 Lin, T., A C^0 Finite Element Method for an Inverse Problem 90 (1998) 253
 Lin, W., *see* Zhu, T. 96 (1998) 127
 Liu, H.-W., *see* Zhu, S.-P. 96 (1998) 161
 Liu, J.-L., *see* Yang, S.-Y. 92 (1998) 9
 Liu, J.J. and B.K. Soni, 2D Groundwater Contaminant Transport Modeling by using the Finite Volume Method on an Unstructured Grid System 89 (1998) 199
 Liu, P., *see* Gopalsamy, K. 94 (1998) 171
 Liu, X. and X. Fu, High order nonlinear differential inequalities with distributed deviating arguments and applications 98 (1999) 147
 Liu, Y., *see* Yao, X. 91 (1998) 83
 Liu, Y.-C., *see* Chen, C.-L. 95 (1998) 155
 López, D.J. and P. Martín, A numerical method for the integration of perturbed linear problems 96 (1998) 65
 Lu, M.W., *see* Hon, Y.C. 88 (1997) 153
 Lu, X., A numerical study of the Riemann solutions for gasdynamic combustion 91 (1998) 143
 Lu, X., Combined Iterative Methods for Numerical Solutions of Parabolic Problems with Time Delays 89 (1998) 213
 Lui, S.H., Multiple bifurcation from "simple" eigenvalues 100 (1999) 111
 Lybeck, N.J., *see* Morlet, A.C. 98 (1999) 209

Mais, H., *see* Zorzano, M.P. 98 (1999) 109

Malakooti, B. and Y.Q. Zhou, Approximating Polynomial Functions by Feedforward Artificial Neural Networks: Capacity Analysis and Design 90 (1998) 27

Malik, M. and H. Huy Dang, Vibration analysis of continuous systems by differential transformation 96 (1998) 17

Mao, X.Z., *see* Hon, Y.C. 95 (1998) 37

Marošević, T., *see* Jukić, D. 94 (1998) 137

Martín, P. and J.-M. Farto, Improved numerical integration of perturbed oscillators via average 99 (1999) 129

Martín, P., *see* López, D.J. 96 (1998) 65

Martin, C., *see* Dunyak, J. 92 (1998) 283

Martin, C., *see* Egerstedt, M. 90 (1998) 61

Martin, C.F., *see* Agwu, N.N. 97 (1998) 99

Matsuzaka, I., K. Nagasawa and A. Kitahama, A proposal for two-sided Laplace transforms and its application to electronic circuits 100 (1999) 1

McDonough, J.M., S. Mukerji and S. Chung, A data-fitting procedure for chaotic time series 95 (1998) 219

McGough, J.S., Numerical Continuation and the Gelfand Problem 89 (1998) 225

Mckay, S.M., Solution of the Sharpe-Lotka population model via a modified method of characteristics 91 (1998) 161

Meyers, R.E., *see* Adomian, G. 88 (1997) 95

Michalland, B., E. Parent and L. Duckstein, Bi-objective Dynamic Programming for Trading Off Hydropower and Irrigation 88 (1997) 53

Miller, R.E., Optimal sensor placement via Gaussian quadrature 97 (1998) 71

Mitra, A.K., The violin arcs 98 (1999) 91

Mohana Rao, M.R., *see* Ahmad, S. 90 (1998) 143

Möllers, Th., On the global approximation and interpolation of locally described real valued functions 93 (1998) 1

Morchało, J., Stability analysis of nonlinear difference systems 95 (1998) 27

Morlet, A.C., N.J. Lybeck and K.L. Bowers, Convergence of the sinc overlapping domain decomposition method 98 (1999) 209

Mueller, K.M., S.A. Burns and M.A. Savageau, A Comparison of the Monomial Method and the S-System Method for Solving Systems of Algebraic Equations 90 (1998) 167

Mukerji, S., *see* McDonough, J.M. 95 (1998) 219

Murty, K.N. and C.V. Rao, Two-point boundary value problems associated with first order non-linear difference system – existence and uniqueness 100 (1999) 177

Musès, C., The Dimensional Family Approach in (Hyper) sphere Packing: A Topological Study of New Patterns, Structures, and Interdimensional Functions 88 (1997) 1

Musès, C., The dimensional family approach in (hyper)sphere packing: a topological study for new patterns, structures, and interdimensional functions (Erratum to Appl. Math. Comput. 88 (1997) 1) 97 (1998) 295

Nagasawa, K., *see* Matsuzaka, I. 100 (1999) 1

Nakano, B., *see* Inohara, T. 90 (1998) 1

Nakano, B., *see* Inohara, T. 90 (1998) 11

Narayaninsamy, T., Fractional iterates for n -dimensional maps 98 (1999) 261

Narayaninsamy, T., On basin boundaries 99 (1999) 261

Natesan, S. and N. Ramanujam, A "Booster method" for singular perturbation problems arising in chemical reactor theory 100 (1999) 27

Natesan, S. and N. Ramanujam, Improvement of numerical solution of self-adjoint singular perturbation problems by incorporation of asymptotic approximations 98 (1999) 119

Natesan, S., A computational method for solving singularly perturbed turning point problems exhibiting twin boundary layers 93 (1998) 259

Nonaka, T., *see* Okamoto, M. 91 (1998) 63

Ochiai, S., *see* Okamoto, M.

Ohmori, K., Numerical solution of two-fluid flows using finite element method 92 (1998) 125

Okamoto, M., Nonlinear numerical optimization with use of a hybrid Genetic Algorithm incorporating the Modified Powell method 91 (1998) 63

Olvovsky, E., *see* Yavneh, I. 92 (1998) 229

Onah, S.E. and O.O. Ugbebor, Solution of a two-dimensional stochastic investment problem 98 (1999) 75

Özelkan, E.C., A multi-objective fuzzy classification of large scale atmospheric circulation patterns for precipitation modeling 91 (1998) 127

Palacios, M., *see* Barrio, R.

Parent, E., *see* Michalland, B.

Park, E.-J., *see* Kim, M.-Y.

Piercey, R.B., *see* Tleimat, H.

Ping, H., *see* Zheng, C.

Price, W.G., *see* Djidjeli, K.

Primak, M.E. and B.L. Kheyfets, Methods of centers for variational inequalities and linear programming 99 (1999) 195

Qian, C., *see* Graef, J.R.

Qiang, J., A combination of characteristics and Monte Carlo methods for etch profile simulation 88 (1997) 53

Qu, R. and R.P. Agarwal, Improved error bounds for freezing solutions of linear boundary value problems 97 (1998) 55

Qu, Y., *see* Gao, W. 89 (1998) 273

Rabia, R.A., *see* Hamdan, M.H.

Rach, R.C., *see* Adomian, G.

Ramanujam, N., *see* Natesan, S.

Ramanujam, N., *see* Natesan, S. 91 (1998) 179

Ramanujam, N., *see* Natesan, S. 94 (1998) 97

Ramos, J.I. and C.M. García-López, Intermediate boundary conditions in operator-splitting techniques and linearization methods 98 (1999) 199

Ramos, J.I., A piecewise time-linearized method for the logistic differential equation 94 (1998) 267

Ramos, J.I., Asymptotic analysis of compound liquid jets at low Reynolds numbers 88 (1997) 95

Ramos, J.I., Implicit, compact, linearized θ -methods with factorization for multidimensional reaction-diffusion equations 93 (1998) 259

Ramos, J.I., Linearization Methods for Reaction-Diffusion Equations: 1-D Problems 100 (1999) 27

Ramos, J.I., Linearization Methods for Reaction-Diffusion Equations: Multidimensional Problems 98 (1999) 119

Ramos, J.I., Linearization Methods for Reaction-Diffusion Equations: Multidimensional Problems 94 (1998) 139

Ramos, J.I., Linearization Methods for Reaction-Diffusion Equations: Multidimensional Problems 100 (1999) 223

Ramos, J.I., Linearization Methods for Reaction-Diffusion Equations: Multidimensional Problems 94 (1998) 17

Ramos, J.I., Linearization Methods for Reaction-Diffusion Equations: Multidimensional Problems 88 (1997) 199

Ramos, J.I., Linearization Methods for Reaction-Diffusion Equations: Multidimensional Problems 88 (1997) 225

Ramos, J.I., Linearized factorization techniques for multidimensional reaction-diffusion equations 100 (1999) 201

Ramos, J.I., Maps of implicit, linearized θ -methods for the logistic differential equation 94 (1998) 1

Ramos, J.I., Upstream boundary conditions for flows in porous channels 93 (1998) 149

Rao, C.V., *see* Murty, K.N. 100 (1999) 177

Ratschek, H. and J. Rokne, Exact computation of the sign of a finite sum 99 (1999) 99

Razzaghi, M., *see* Ahmad, F. 89 (1998) 31

Reidys, C.M., *see* Barrett, C.L. 98 (1999) 241

Riganti, R. and A. Rossani, Singular perturbation techniques in the study of a dynamical system arising from the kinetic theory of atoms and photons 96 (1998) 47

Rinaldi, S., Love dynamics: The case of linear couples 95 (1998) 181

Rivera-Gallego, W., A genetic algorithm for circulant Euclidean distance matrices 97 (1998) 197

Robinson, S.B., *see* Baxley, J.V. 89 (1998) 41

Rokne, J., *see* Ratschek, H. 99 (1999) 99

Rolle, J.-D., A model for perturbed production or measurement processes involving compound normal distributions 96 (1998) 75

Rose, S., *see* Hartfield, R. 95 (1998) 63

Rosen, G., *see* Böhm, M. 92 (1998) 247

Rossani, A., *see* Riganti, R. 96 (1998) 47

Said, E.A., The non-classical solution of the inhomogeneous non-linear diffusion equation 98 (1999) 103

Salanova, M.A., *see* Hernández, M.A. 95 (1998) 51

Salemi, F., V. Salone and W. Wendi, Stability of a competition model with two-stage structure 99 (1999) 221

Salone, V., *see* Salemi, F. 99 (1999) 221

Sasaki, M., *see* Jinzenji, T. 91 (1998) 23

Sathiya Keerthi, S., *see* Sudarsan, R. 92 (1998) 153

Sathiya Keerthi, S., *see* Sudarsan, R. 92 (1998) 195

Sato, M., *see* Honma, N. 91 (1998) 43

Savageau, M.A., *see* Mueller, K.M. 90 (1998) 167

Schaback, R., *see* Franke, C. 93 (1998) 73

Schlick, T., *see* Zaslavsky, L.Y. 97 (1998) 237

Schmid, R., *see* Lu, X. 91 (1998) 143

Scitovski, R., *see* Jukić, D. 94 (1998) 137

Scitovski, R., Approximating surfaces by moving total least squares method 93 (1998) 219

Seok Kang, K. and S. Yun Lee, New intergrid transfer operator in multigrid method 100 (1999) 139

for P_1 -nonconforming finite element method 94 (1998) 91

Sever, A., *see* Yıldız, B. 100 (1999) 241

Shaw, R.E., *see* Garey, L.E.

Shen, L. and F. Szidarovszky, A Globally Convergent Algorithm for Solving Special Utilization Equations 90 (1998) 53

Shen, L., *see* Szidarovszky, F. 92 (1998) 219

Shih, T.M., *see* Yi, F. 95 (1998) 139

Simos, T.E., *see* Tsitouras, Ch. 95 (1998) 15

Simos, T.E., Explicit exponentially fitted methods for the numerical solution of the Schrödinger equation 98 (1999) 185

Sin, V.-K., *see* Jin, X.-Q. 95 (1998) 91

Sivadasan, V.A., *see* Bajpai, R.P. 93 (1998) 277

Sivaloganathan, S., G. Tenti and J.M. Drake, Mathematical pressure volume models of the cerebrospinal fluid 94 (1998) 243

Sochacki, J.S., *see* Buetow Jr., G.W. 91 (1998) 111

Soliman, A.A., On ϕ_0 -stability for nonlinear Volterra integrodifferential systems 100 (1999) 71

Soliman, A.A., Stability criteria of differential systems via Liapunov's second method 92 (1998) 143

Solis, F.J., Dimension and local structures of attracting manifolds of smooth dynamical systems 100 (1999) 169

Song, J., Complex recurrent neural network for computing the inverse and pseudo-inverse of the complex matrix 93 (1998) 195

Soni, B.K., *see* Liu, J.J. 89 (1998) 199

Soni, B.K., *see* Thornburg, H. 89 (1998) 259

Soni, B.K., *see* Tleimat, H. 89 (1998) 275

Soriano, J.M., Existence of zeros for bounded perturbations of proper mappings 99 (1999) 255

Soriano, J.M., On the Number of Zeros of a Mapping 88 (1997) 287

Spikes, P.W., *see* Graef, J.R. 89 (1998) 119

Srivastava, H.M., *see* Chen, M.-P. 91 (1998) 285

Srivastava, H.M., *see* Choi, J. 93 (1998) 101

Srivastava, H.M., Further series representations for $\zeta(2n+1)$ 97 (1998) 1

Srivastava, H.M., *see* de Remero, S.S. 90 (1998) 129

Su, C.-T., *see* Chang, F.C. 93 (1998) 97

Sudarsan, R., An efficient approach for the numerical simulation of multibody systems 92 (1998) 195

Sudarsan, R., Numerical approaches for solution of differential equations on manifolds 92 (1998) 153

Sugisaka, M., *see* Eom, T.-D. 91 (1998) 9

Sugisaka, M., *see* Zhang, Y.G. 91 (1998) 3

Sugisaka, M., Intelligent control strategy for a mobile vehicle 91 (1998) 91

Sugisaka, M., Introduction to the Special Issue on Artificial Life and Robotics 91 (1998) 1

Sun, F., *see* Zheng, S. 99 (1999) 233

Sun, W., Newton's method and quasi-Newton-SQP method for general LC¹ constrained optimization 92 (1998) 69

Szidarovszky, F., *see* Lin, C. 91 (1998) 99

Szidarovszky, F., A stochastic bargaining process and solution concept in the discrete case 92 (1998) 219

Szidarovszky, F., Bargaining with Offer Dependent Break-Down Probabilities 90 (1998) 117

Szidarovszky, F., *see* Shen, L. 90 (1998) 53

Tabata, M., N. Eshima and I. Takagi, The nonlinear integro-partial differential equation describing the logistic growth of human population with migration 98 (1999) 169

Tabata, M., N. Eshima, I. Takagi and T. Hiroyama, The Cauchy problem for the system of equations describing migration motivated by regional economic disparity 94 (1998) 45

Tagliani, A., *see* Frontini, M. 97 (1998) 183

Tagliani, A., Inverse two-sided z transform and moment problem 95 (1998) 125

Tagliani, A., *see* Frontini, M. 88 (1997) 39

Taher Abuelma'atti, M., A simple algorithm for computing the Fourier spectrum of experimentally obtained signals 98 (1999) 229

Taher Abuelma'atti, M., Nonlinear distortion of an FM signal by half-wave linear rectification 99 (1999) 47

Takáč, P., Bifurcations to Invariant 2-Tori for the complex Ginzburg-Landau Equation 89 (1998) 241

Takagi, I., *see* Tabata, M. 94 (1998) 45

Takagi, I., *see* Tabata, M. 98 (1999) 169

Takahashi, S., *see* Inohara, T. 90 (1998) 1

Takahashi, S., *see* Inohara, T. 90 (1998) 11

Takeda, H., *see* Honma, N. 91 (1998) 43

Tang, Y., *see* Han, Z. 98 (1999) 83

Taylor, L.K., *see* Beddhu, M. 89 (1998) 67

Temarel, P., *see* Djidjeli, K. 96 (1998) 177

Tenti, G., *see* Sivaloganathan, S. 94 (1998) 243

Thornburg, H., B.K. Soni and B. Kishore, A Structured Grid Based Solution-Adaptive Technique for Complex Separated Flows 89 (1998) 259

Tleimat, H., R.B. Piercey and B.K. Soni, Numerical Simulation of Ultra-Relativistic, Heavy-Ion Collisions 89 (1998) 275

Tominaga, D., *see* Okamoto, M. 91 (1998) 63

Torriero, A., *see* Abaffy, J. 94 (1998) 145

Tsai, P.-Y., *see* Hamann, B. 89 (1998) 327

Tsarenko, V., *see* Kalla, S.L. 91 (1998) 209

Tsitouras, Ch. and T.E. Simos, Explicit high order methods for the numerical integration of periodic initial-value problems 95 (1998) 15

Tuckness, D.G., Phase Space Sensitivities of the Sun-Jupiter Triangular Libration Point 88 (1997) 255

Turi, J., *see* Hartung, F. 89 (1998) 147

Twizell, E.H., *see* Bratsos, A.G. 93 (1998) 117

Twizell, E.H., *see* Djidjeli, K. 96 (1998) 177

Uchikawa, Y., *see* Iwakoshi, Y. 91 (1998) 73

Ugbedor, O.O., *see* Onah, S.E. 98 (1999) 75

Ungar, Š., *see* Scitovski, R. 93 (1998) 219

van Laak, O., *see* Möllers, Th. 93 (1998) 1

Van Sielen, C.DeW., Information measure of location precision 97 (1998) 287

Varner, T.N., Non-standard difference schemes for singular perturbation problems revisited 92 (1998) 101

Vatsala, A.S., *see* Jiang, J. 97 (1998) 223

Vázquez, C., An upwind numerical approach for an American and European option pricing model 97 (1998) 273

Vázquez, L., *see* Jiménez, S. 95 (1998) 101

Vazquez, L., *see* Zorzano, M.P. 98 (1999) 109

Virchenko, N., *see* Kalla, S.L. 91 (1998) 209

Wang, A.P., Identification of a dissipative transport system 91 (1998) 33

Wang, C.Y., *see* Wang, A.P. 91 (1998) 33

Wang, F., *see* Feng, W. 89 (1998) 99

Wang, P., Oscillatory criteria for a class of delay hyperbolic equations boundary value problem (II) 100 (1999) 189

Wang, X., *see* Han, D. 94 (1998) 65

Wang, X., *see* Sugisaka, M. 91 (1998) 91

Wang, Y., Petrov-Galerkin methods for systems of nonlinear reaction-diffusion equations 96 (1998) 209

Wanxie, Z., X. Zhuang and J. Zhu, A Self-Adaptive Time Integration Algorithm for Solving Partial Differential Equations 89 (1998) 295

Wazwaz, A.-M., A comparative study on a singular perturbation problem with two singular boundary points 99 (1999) 179

Wazwaz, A.-M., A comparison between Adomian decomposition method and Taylor series method in the series solutions 97 (1998) 37

Wazwaz, A.-M., A reliable technique for solving the wave equation in an infinite one-dimensional medium 92 (1998) 1

Wazwaz, A.-M., Analytical approximations and Padé approximants for Volterra's population model 100 (1999) 13

Wazwaz, A.M., New ideas for solving size-structured population models 93 (1998) 91

Wei, J.G. and G. Leng, Lyapunov Exponent and Chaos of Duffing's Equation Perturbed by White Noise 88 (1997) 77

Wei, Y., Index splitting for the Drazin inverse and the singular linear system 95 (1998) 115

Wei, Y., On the perturbation of the group inverse and oblique projection 98 (1999) 29

Weingartner, C.L., *see* Mckay, S.M. 91 (1998) 161

Wendi, W., *see* Salemi, F. 99 (1999) 221

White, L.W. and M. Zaman, A Simple Model for Fluid Accumulation and Flow in a Porous Medium 90 (1998) 181

Whitfield, D.L., *see* Beddu, M. 89 (1998) 67

Wolfe, M.A., Interval enclosures for a certain class of multiple integrals 96 (1998) 145

Wong, F.-H., *see* Agarwal, R.P. 99 (1999) 167

Wong, P.J.Y., *see* Agarwal, R.P. 99 (1999) 153

Wong, P.J.Y. and R.P. Agarwal, Asymptotic behaviour of solutions of higher order difference and partial difference equations with distributed deviating arguments 97 (1998) 139

Wong, T.-T., Generalized Dirichlet distribution in Bayesian analysis 97 (1998) 165

Wu, B. and M.-H. Chen, Use of fuzzy statistical technique in change periods detection of nonlinear time series 99 (1999) 241

Xu, X., A V-cycle multigrid method and additive multilevel preconditioners for the plate bending problem discretized by conforming finite elements 93 (1998) 233

Xu, Z.-B., J.-S. Zhang and Y.-W. Leung, An approximate algorithm for computing multidimensional convex hulls 94 (1998) 193

Xue, J., *see* Gao, W. 98 (1999) 199

Xue, W.M., *see* Hon, Y.C. 88 (1997) 153

Yam, Y., *see* Song, J. 93 (1998) 195

Yan, C., *see* Zheng, C. 99 (1999) 71

Yang, S.-Y., A unified analysis of a weighted least squares method for first-order systems 92 (1998) 9

Yang, S.-Y., On the convergence and stability of the standard least squares finite element method for first-order elliptic systems 93 (1998) 51

Yang, Z.J., Cylindrical symmetry-like solutions of Laplace equation $\nabla^2 V(\{x_j\}) = 0$ 99 (1999) 29

Yao, X., Towards designing artificial neural networks by evolution 91 (1998) 83
 Yavneh, I., Multigrid smoothing for symmetric nine-point stencils 92 (1998) 229
 Ye, X., Domain decomposition for a least-square finite element method for second order elliptic problem 91 (1998) 233
 Ye, X., Domain decomposition for least-squares finite element methods for the Stokes equations 97 (1998) 45
 Ye, X., Two grid discretizations with backtracking of the stream function form of the Navier-Stokes equations 100 (1999) 131
 Ye, X., *see* Layton, W. 89 (1998) 173
 Yen, J., *see* Lin, C. 91 (1998) 99
 Yevi, G., P. Cinnella and X. Zhuang, On Parallelizing a Groundwater Pollution Simulator 89 (1998) 313
 Yi, F. and T.M. Shih, Stefan problem with convection 95 (1998) 139
 Yildiz, B. and A. Sever, On the inverse conductivity problem 94 (1998) 91
 Yildiz, B., *see* Aykut, A. 93 (1998) 63
 Yildiz, B., *see* Bayram, M. 99 (1999) 93
 Yonge, D.R., *see* Hossain, Md.A. 100 (1999) 249
 Yu, C.-S., *see* Chen, M.-P. 91 (1998) 285
 Yuan, J.-Y. and X.-Q. Jin, Convergence of the generalized AOR method 99 (1999) 35
 Yuen, S.I., *see* Chan, C.Y. 90 (1998) 97
 Yürekli, O., New identities involving the Laplace and the \mathcal{L}_2 -transforms and their applications 99 (1999) 141
 Yun Lee, S., *see* Seok Kang, K. 100 (1999) 139

 Zaghout, A.A.S., Competition between three microbial populations for a single limiting resource in continuous culture 92 (1998) 271
 Zaman, M., *see* White, L.W. 90 (1998) 181
 Zaslavsky, L.Y. and T. Schlick, An adaptive multigrid technique for evaluating long-range forces in biomolecular simulations 97 (1998) 237
 Zeng, J. and S. Zhou, Schwarz algorithm for the solution of variational inequalities with nonlinear source terms 97 (1998) 23
 Zhang, J. and J.A. Belward, Chebyshev Series Approximations for the Bessel Function $Y_n(Z)$ of Complex Argument 88 (1997) 275
 Zhang, J., Acceleration and stabilization properties of minimal residual smoothing technique in multigrid 100 (1999) 151
 Zhang, J., Residual Scaling Techniques in Multigrid, II: Practical Applications 90 (1998) 229
 Zhang, J., Two-grid analysis of minimal residual smoothing as a multigrid acceleration technique 96 (1998) 27
 Zhang, J., VML: A class of virtual multi-level iterative methods for solving partial differential equations 92 (1998) 29
 Zhang, J.-S., *see* Xu, Z.-B. 94 (1998) 193
 Zhang, N.-Y., *see* Choi, J. 93 (1998) 101
 Zhang, W. and X. Li, Analytic solution of poro-mechanical problems in a hollow axisymmetric domain 97 (1998) 209
 Zhang, Y.G., Lifelike artificial trees based on Growth Iterated Function System 91 (1998) 3
 Zhao, J., The generalized Cholesky factorization method for saddle point problems 92 (1998) 49

Zheng, C., H. Ping and C. Yan, A mathematical model using artificial neural networks to forecast shares tendency 99 (1999) 71

Zheng, S. and F. Sun, Some simultaneous iterations for finding all zeros of a polynomial with high order convergence 99 (1999) 233

Zheng, S., *see* Huang, Z. 91 (1998) 221

Zhou, S., *see* Zeng, J. 97 (1998) 23

Zhou, Y.Q., *see* Malakooti, B. 90 (1998) 27

Zhu, J., *see* Wanxie, Z. 89 (1998) 295

Zhu, J.K., *see* Chan, C.Y. 99 (1999) 17

Zhu, S.-P. and H.-W. Liu, On the application of multiquadric bases in conjunction with the LTDRM method to solve nonlinear diffusion equations 96 (1998) 161

Zhu, T. and W. Lin, Fast wavelet algorithm of the Poisson integral 96 (1998) 127

Zhu, W., An approximate algorithm for nonlinear integer programming 93 (1998) 183

Zhu, Y.M., *see* Hon, Y.C. 88 (1997) 153

Zhuang, X., *see* Wanxie, Z. 89 (1998) 295

Zhuang, X., *see* Yevi, G. 89 (1998) 313

Zorzano, M.P., H. Mais and L. Vazquez, Numerical solution of two dimensional Fokker-Planck equations 98 (1999) 109